

## The Road to Census 2020

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## Why We Do a Census

- Article 1, Section 2 of the US Constitution  
*The actual Enumeration shall be made within three Years after the first Meeting of the Congress of the United States, and within every subsequent Term of ten Years, in such Manner as they shall by Law direct.*
- Key Purpose is Apportioning the US House of Representatives

## Also About Fairness...

- Fundamental element of Federal legislation
- Some examples:
  - Voting Rights (Voting Rights Act)
  - Civil Rights
    - Title VI
    - Title IX
    - ADA
    - Age Discrimination Act
  - Fair Housing Act

## And About Funding

Table 2. Ten Largest Census-Guided Assistance Programs, FY2008

CFDA #	Program Name	Department	FY08 Expenditures	Type of Assistance and Recipient
93.776	Medical Assistance Program	Department of Health and Human Services	\$261,743,024,024	Formula grants to states
30.205	Highway Planning and Construction (Federal Aid Highway Program)	Department of Transportation	\$36,795,552,095	Formula grants and project grants to states
14.871	Section 8 Housing Choice Vouchers	Department of Housing and Urban Development	\$15,340,263,704	Project grants to public housing agencies
84.027	Special Education Grants to States	Department of Education	\$10,780,318,120	Formula grants to states
84.010	Title I Grants to Local Educational Agencies	Department of Education	\$7,513,085,195	Formula grants to state educational agencies (local agencies are subgrantees)
10.410	Very Low to Moderate Income Housing Loans	Department of Agriculture	\$7,269,193,451	Direct loans and guaranteed/insured loans to very low to moderate income families and individuals
93.767	State Children's Insurance Program	Department of Health and Human Services	\$7,100,882,076	Formula grants to states
10.557	Special Supplemental Nutrition Program for Women, Infants, and Children (WIC Program)	Department of Agriculture	\$6,138,491,549	Formula grants to states
14.105	Section 8 Housing Assistance Payments Program (Project-based Section 8)	Department of Housing and Urban Development	\$6,002,087,454	Direct payments to public housing agencies
93.600	Head Start	Department of Health and Human Services	\$5,681,030,040	Project grants to local service providers

Source: "Counting for Dollars: The Role of the Decennial Census in the Distribution of Federal Funds." Andrew Resner and Rachel Blanchard Carpenter. Brookings Institution (12/2010)

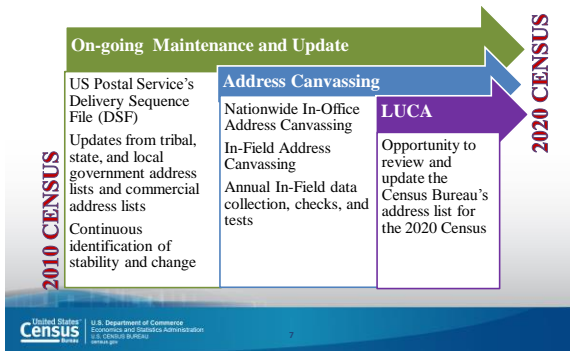
## Additional Uses

- Drawing Congressional, state, and local legislative districts
- Basis for population projections
- Informing the decisions of governments, business, and non-profits regarding numerous topics such as community and regional development, education, agriculture, energy, etc.

## 2020 Census Design



## Address List Maintenance 2010 - 2020



## Three Main Reasons We Miss People

1. We don't have an address
  - We can't send a form
  - If we get a response, we can't "match" them to the ground
2. We can't get a response
  - We have an address, but we can't determine occupancy
3. We get a partial response
  - Children
  - Multiple Families
  - Unrelated individuals

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## 2020 Census Local Update of Census Addresses (LUCA)

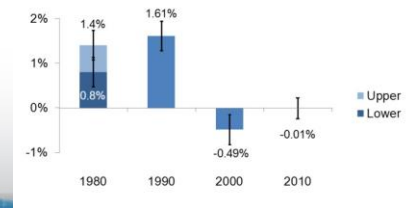
- Voluntary geographic partnership operation
- Once a decade opportunity to review and update the Census Bureau's Address List for residential addresses
- Authorized by the [Census Address List Improvement Act of 1994 \(Public Law 103-430\)](#)

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## The 2010 Census

- A Very Good "Net" Census

U.S. Total Percentage Net Undercount from 1980 - 2010



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## Who Can Participate in LUCA

- States
- Counties
- Incorporated places (Cities, towns)
- Federally recognized tribes with a reservation or off-reservation trust land

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## Confidentiality and Security

- The information provided to/from LUCA is covered under Title 13 of the United States Code which:
  - Requires the Census Bureau to ensure confidential treatment of census-related information, including individual addresses and map structure points
  - Requires that all liaisons, reviewers, and anyone with access to Title 13 materials abide by Confidentiality and Security Guidelines
  - Requires the Census Bureau maintain the confidentiality of all information it collects

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## What's New for 2020 LUCA

- Streamlined participation – Full Address List Review
- Standard software formats for the digital address list
- Ungeocoded address records for state and county participants
- Requires residential multi-unit structure identifiers (e.g., Apt 1, Unit A2, #3001, etc.)
- Includes residential structure coordinates, if available
- Allows participants to submit residential structure coordinates, if available
- Allows participants to submit non-city style addresses with corresponding map spot

## Preparation - 2020 LUCA Schedule

Timeframe	Activity
January 2017 ✓	Advance Notice mailing sent to Highest Elected Officials (HEOs), Tribal Chairs (TCs), Governors and other potential 2020 LUCA contacts
March 2017 ✓	2020 LUCA Promotional presentations begin
July 2017 ✓	2020 LUCA invitation and registration materials mailed to HEOs, TCs and Governors
October 2017	2020 LUCA Training workshops begin
December 15, 2017	<b>Deadline for 2020 LUCA Registration</b>
February - April 2018	2020 LUCA materials ship. Participants begin review and update of the Census Bureau's address list
February - September 2018	Census Bureau begins processing 2020 LUCA submissions
April 2018 - June 2019	Census Bureau validates 2020 LUCA addresses
August - September 2019	Census Bureau delivers 2020 LUCA feedback
April 1, 2020	<b>CENSUS DAY</b>

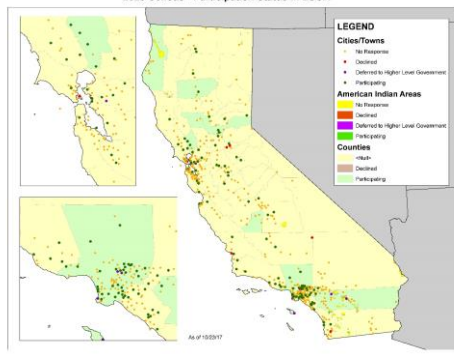
## Registration (Participant)

- Invitation Letter
- Registration Form (D-2002)
- Product Preference Form (D-2003)
- Confidentiality and Security Guidelines (D-2004)
- Confidentiality Agreement Form (D-2005)
- Self-Assessment Checklist (D-2006)
- Instructions for Registration

## LUCA Registration

California LUCA Registration Status				
Status	States	Counties	Cities & Towns	American Indian Areas
Participating	0	10	109	3
Participating %	0.00%	17.24%	22.61%	2.97%
Declined	0	0	6	1
Declined %	0.00%	0.00%	1.24%	0.99%
Deferred to Higher Level Gov	0	0	7	1
Deferred to Higher Level Gov %	0.00%	0.00%	1.45%	0.99%
No Response	1	48	360	96
No Response %	100.00%	82.76%	74.69%	95.05%
TOTAL COUNT	1	58	482	101

2020 Census - Participation Status in LUCA



## Questions about 2020 LUCA?

- Visit the 2020 LUCA Web site:  
<https://www.census.gov/geo/partnership/s/luca.html>
  - Frequently Asked Questions document
- Contact us:
  - Geographic Programs Support Desk toll-free telephone number: 1-844-344-0169
  - E-mail: [GEO.2020.LUCA@census.gov](mailto:GEO.2020.LUCA@census.gov)

## 2020 Census New Construction Program

- To help ensure that the Census address list is as accurate as possible, this program provides an opportunity to local and tribal governments to submit city style mailing addresses for units constructed after address canvassing.
- Non title 13 project
- Housing units built between April 2019 and April 2020

## New Construction (cont.)

- Local entities will need to submit geocodes by state/county/tract/block or by latitude/longitude coordinates
- Schedule not finalized, looking at June-August 2019 timeframe to deliver program review materials
- Participants will most likely have 45 days to provide their submissions

## 2020 Census Design



## Collection Geography

- Collection geography supports data collection during census activities
- Basic Collection Units (BCUs)
  - Smallest level of collection geography; building block for other collection geographies
  - Single, stable, national set of BCUs to be used for all listing operations

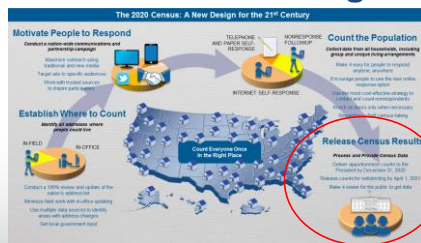
## Type of Enumeration

- The Type of Enumeration Area (TEA) value represents the predominant approach to conducting the 2020 Census in a given geographic area. The TEA assignment is based on area characteristics to maximize respondent participation.
- Annual updates in 2016, 2017 and 2018
- Every BCU is assigned a TEA value

## 2017 TEAs Rough Estimate

- TEA 1 = Self Response 93% HU US
- TEA 2 = Update Enumerate <1%
- TEA 4 = Remote Alaska <.1
- TEA 5 = Military <.2%
- TEA 6 = Update Leave 7%
  - 'newly introduced' operation – most of Update Enumerate will move to Update Leave

## 2020 Census Design



## Boundary and Annexation Survey (BAS)

- Annual survey that requests local, county, state and tribal governments review and update their legal boundaries.
- The boundaries in the MAF/Tiger database determine an entities official data from the 2020 Census, ACS, and the Population Estimate Program.
- It is up to each government to report their boundaries, exception in counties with Consolidated BAS agreement.

## BAS Schedule

Date	Activity
December 2016/January 2017	Annual response information is emailed to participants.
1-Jan-17	All boundary changes must be legally in effect on or before this date to be reported in the 2017 BAS.
January/February 2017	Non-Response email and telephone follow-up.
1-Mar-17	BAS boundary updates submitted by this date will be reflected in the ACS and PEP published data and in next year's BAS materials.
March/April 2017	State Data Center non-response follow-up.
31-May-17	BAS boundary updates submitted by this date will be reflected in next year's BAS materials.

## Boundary Validation Program (BVP)

- Highest Elected Officials (HEO) provided maps of jurisdictional boundaries for initial review and update in March 2020
- HEO completes final validation of boundary changes provided during BVP by May 2020
- Boundaries as of January 1, 2020 that will be used for 2020 Census data tabulation

## Participant Statistical Areas Program (PSAP)

A Decennial program that allows local participants, following Census Bureau criteria and guidelines, to review and suggest modifications to the inventory, boundaries, and names of statistical geographic areas.

*Goal is clean, consistent geography nationwide*

- 2020 PSAP geography includes:
  - Census tracts
  - Block groups
  - Census designated places (CDPs)
  - Census county divisions (CCDs)
  - Tribal statistical geographic areas

## PSAP criteria

- PSAP criteria will not change
- Criteria and guidelines were revised to improve clarity and to standardize informal practices and interpretations of previous operations.
- Federal Register comment period closes on October 13, 2017
- <https://www.federalregister.gov/documents/2017/08/14/2017-17033/proposed-information-collection-comment-request-participant-statistical-areas-program>

### Changes to 2020 PSAP Operations/Delineation

- All PSAP geographies will be reviewed in-house for adherence to:
  - Published criteria and guidelines
  - Coding and naming conventions
  - Optimal boundary feature use
- External Users will have the choice to update:
  - Census updated boundaries ("current")
  - 2010 boundaries
- Geographic Update Processing Software (GUPS) will be the standard tool for making updates
  - Paper option for Tribal Statistical Geographies

### Contact Information

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